

PERFORMANCE CATEGORIES

	DX/ VX	DE/ VE	DB/ VB	H
From the sterilization chamber separated steam generator integrated into the housing	X			X
Extension of temperature and pressure to 150C/5bar (only for sizes 65—150)	O	O		O
Number of sterilization program	25	12	4	100
Touchscreen Operation				X
Password secured access right for parameterization and for further security relevant interventions	X	X		X
Connection to external steam supply				X
Pre-programmable automatic door opening at the end of a program	X	X		X
Additional PT-100 temperature sensor in the condense exhaust	X			X
Rapid cooling	O	O		O
Pre- and post- vacuum	O			O
Air exhaust filtration	O	O		O
Drying 'Superdry' (only in conjunction with an optional vacuum system)	O			O
RS232 and RS485 for external data transfer (network-compatible)	X	X		X
PC-Software for extensive documentation (network-compatible)	O	O		O
Internal memory for documentation of up to 500 sterilization cycles	X	X		X
Integrated SD-Card Slot inclusive SD-Card (1024MB) for data backup of up to 10,000 sterilization cycles and for transmission of process data to a PC via SD-Card reader	O	O		O
Start by clock, timer for programmable start time	X	X		X
Steam exhaust condensation, water cooled, thermostatic controlled	X	X		X
"Autofill" - automatic de-mineralized water feed for steam generation	X	X		X
Special program for waste sterilization with pulsed heat-up for more efficient air exhaust	X	X	X	X
Temperature holding function after the end of program for liquids	X	X		X
Validation port				X
Special program for Durham-Tubes	X	X		X
Housing and basic frame construction out of corrosion resistant stainless steel	X	X	X	X
Prepared for subsequent rapid cooling installation	X	X		X
Prepared for subsequent installation of vacuum system	X			X
Prepared for subsequent drying installation	X			X
Calculation of FO value	X	X		X
Further options / special programs (on request)	X—Standard			
Special accessories like baskets and inserts, lifting devices and wheels, available on request	O—Optional			

Systemec
the autoclave company



Systec GmbH Labor-Systemtechnik was founded in 1994. It develops, manufactures and markets laboratory autoclaves (steam sterilizers) and media preparators throughout the world. Intran Technologies is the sole distributor for Systemec in Malaysia.



Vertical autoclaves - VX, VE & VB Series Bench-top autoclaves - DX, DE & DB Series

A new dimension in technology and design. Specially developed for sterilization in the laboratory, processes become easier, safer, more precise, more reproducible and validatable.

Double-door autoclaves - 2D Series

Includes all the technological advantages of the D-series but with two hatch doors. Specially designed as a sterilization and two-way lock for biological safety labs and clean rooms in the lab and production plant.

Media Preparators - MP Series

Prepare and sterilize microbiological media. Fast, accurate and easy to handle.

Large Volume Systems - H Series (300 - 600L)

Up to 100 number of sterilization programs and an integrated memory for data backup of up to 10,000 sterilization cycles.



QUALITY MADE IN GERMANY

SYSTEC - DIMENSION AND PERFORMANCE

System V-100 System V-120



System D-150 System D-200



System DX-150 2D/System DX-200 2D



System MediaPrep-30



System MediaPrep-120



SYSTEC VERTICAL AUTOCLAVES V-SERIES

System	V-40	V-55	V-65	V-75	V-95	V-100	V-120	V-150
Chamber dimensions Ø x depth (mm)	344 x 450	344 x 600	400 x 500	400 x 600	400 x 750	500 x 500	500 x 600	500 x 750
Chamber working volume (l)	40	55	65	75	95	100	120	150
Electrical connection	240V	240V	415V (3 phase)	415V (3 phase)	415V (3 phase)	415V (3 phase)	415V (3 phase)	415V (3 phase)

HORIZONTAL FRONT LOADING BENCH TOP AUTOCLAVES D-SERIES

System	D-23	D-45	D-65	D-90	D-100	D-150	D-200
Chamber dimensions Ø x depth (mm)	260 X 420	344 X 500	400 X 500	400 X 700	500 X 500	500 X 750	500 X 1000
Chamber working volume (l)	23	45	65	90	100	150	200
Electrical connection	240V	240V	415V (3 phase)	415V (3 phase)	415V (3 phase)	415V (3 phase)	415V (3 phase)

PASS THROUGH AUTOCLAVES D-SERIES 2D

System	DX-90 2D	DX-150 2D	DX-200 2D
Chamber dimensions Ø x depth (mm)	400 x 750	500 x 750	500 x 1000
Chamber working volume (l)	95	150	200
Electrical Connection	415V (3 phase)	415V (3 phase)	415V (3 phase)

HORIZONTAL FRONT LOADING AUTOCLAVES SYSTEC H-SERIES



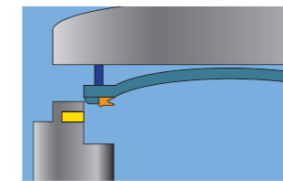
NEW Now up to 540 liters chamber volume!

System	HX-210	HX-320	HX-430	HX-540
Chamber dimensions Ø x depth (mm)	740 x 500	740 x 750	740 x 1000	740 x 1250
Chamber working volume (l)	210	320	430	540
Electrical connection	415V (3 phase)	415V (3 phase)	415V (3 phase)	415V (3 phase)

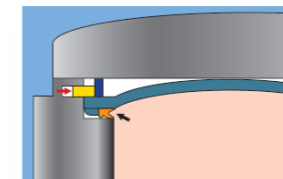
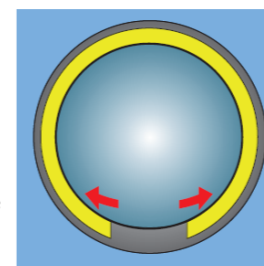
PASS THROUGH AUTOCLAVES SYSTEC H-SERIES 2D

System	HX-320 2D	HX-430 2D	HX-540 2D
Chamber dimensions Ø x depth (mm)	740 X 750	740 X 1000	740 X 1250
Chamber working volume (l)	320	430	540
Electrical connection	415V (3 phase)	415V (3 phase)	415V (3 phase)

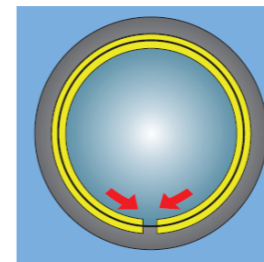
Advanced technology, design and electronic intelligence!



Lid open, circumferential locking ring in the ready position.



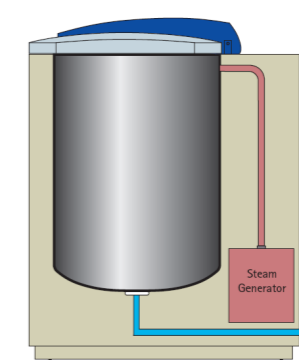
Lid closed, circumferential locking ring in lock position. The internal steam pressure presses the lip seal between lid and chamber.



Novel automatic lid-opening system and Automatic door-opening

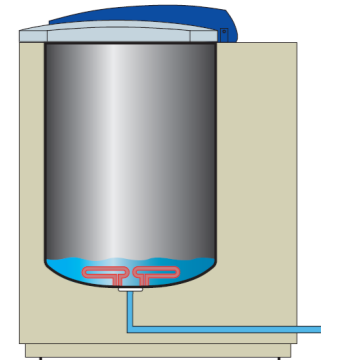


VX

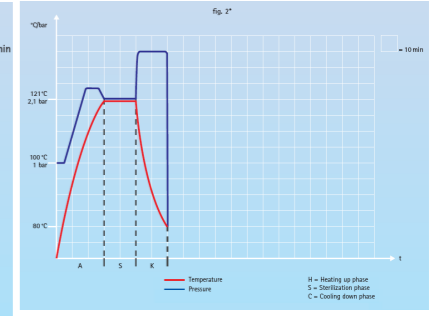
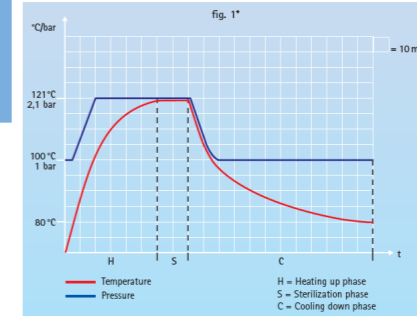


VE VB

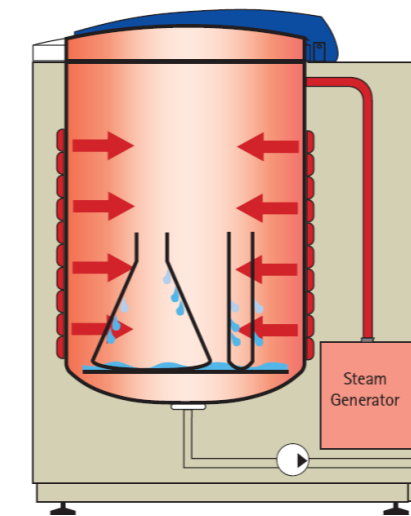
Steam generation



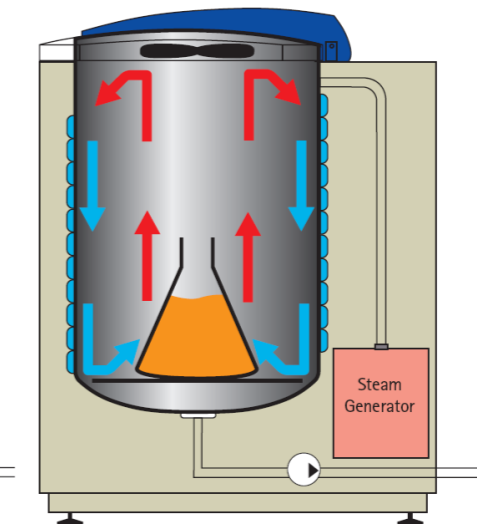
50% shorter heat-up times and 90% shorter cooling times



Drying 'Superdry'



Radial Ventilation



Microprocessor and software



System accessories for ease of handling!



RS 232/485 interface
Flexible power connection with CEE plug

Compressed air connection (optional)
Demineralized water feed for steam generation
Cooling water feed
Collection outlet (drain)